










	<p>Manufacturer Part Number: STB25N80K5</p>
	<p>Manufacturer/Brand: STMicroelectronics</p>
	<p>Part of Description: MOSFET N-CH 800V 19.5A D2PAK</p>
	<p>Datasheets:  STB25N80K5.pdf</p>
	<p>RoHs Status:  Lead free / RoHS</p>
	<p>Stock Condition: Compliant New original, 215 pcs Stock Available.</p>
	<p>Ship From: Hong Kong</p>
<p>Image may be representation. See specs for product details.</p>	<p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>

Specifications

Part Number	STB25N80K5
Manufacturer	STMicroelectronics
Description	MOSFET N-CH 800V 19.5A D2PAK
Category	Discrete Semiconductor Products > Transistors - FETs ,
Part Status	215 pcs Stock
Vgs(th) (Max) @ Id	5V @ 100µA
Vgs (Max)	±30V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	D2PAK
Series	SuperMESH5™
Rds On (Max) @ Id, Vgs	260 mOhm @ 19.5A, 10V
Power Dissipation (Max)	250W (Tc)
Packaging	Original-Reel®
Package / Case	TO-263-3, D²Pak (2 Leads + Tab), TO-263AB
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	1600pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	40nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	800V
Current - Continuous Drain (Id) @ 25°C	19.5A (Tc)

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